
Mauna Loa Solar Observatory Observer's Log

Wed Jun 27 16:50:33 GMT 2001

Year: 01 Doy: 178

Observer: koon

Wed Jun 27 16:55:07 GMT 2001 MKIV Start Patrol

Wed Jun 27 16:55:12 GMT 2001 CHIP Start Patrol

WEATHER COMMENT: Wed Jun 27 16:50:35 GMT 2001

Clear sky, no wind, temp=44 F.

Wed Jun 27 16:55:21 GMT 2001 PICS Start Patrol

Wed Jun 27 17:02:54 GMT 2001 CHIP LSD

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Wed Jun 27 17:04:00 GMT 2001

Wed Jun 27 17:05:11 GMT 2001 CHIP End LSD

Wed Jun 27 17:05:28 GMT 2001 CHIP BiasLSD

Wed Jun 27 17:06:20 GMT 2001 CHIP End BiasLSD

Wed Jun 27 17:06:28 GMT 2001 CHIP Bias

Wed Jun 27 17:07:11 GMT 2001 CHIP End Bias

MKIV PROBLEM: Wed Jun 27 17:31:56 GMT 2001

It looks like East and West are reversed on the scan images and animations when compared to where prominences are visible on the other instruments.

Mk4 images show the big prominence on the West, especially visible in the realtime scans, but the prominences are on the East side today.

Wed Jun 27 17:46:13 GMT 2001 PICS End Patrol

PICS COMMENT: Wed Jun 27 17:46:26 GMT 2001

Pausing to change the occulting disk.

Wed Jun 27 17:54:02 GMT 2001 PICS Start Patrol

PICS COMMENT: Wed Jun 27 18:00:07 GMT 2001

I changed the occulting disk from 1981" to 1961".

Wed Jun 27 18:02:40 GMT 2001 PICS Flat

Wed Jun 27 18:03:03 GMT 2001 CHIP LSD

Wed Jun 27 18:05:16 GMT 2001 CHIP End LSD

Wed Jun 27 18:05:32 GMT 2001 CHIP BiasLSD

Wed Jun 27 18:05:48 GMT 2001 PICS End Flat

Wed Jun 27 18:06:19 GMT 2001 CHIP End BiasLSD

Wed Jun 27 18:06:27 GMT 2001 CHIP Bias

Wed Jun 27 18:07:15 GMT 2001 CHIP End Bias

COMMENT: Wed Jun 27 18:06:08 GMT 2001

I'm bumping the Spar a lot as I check out the Mk4 image orientation.

MKIV PROBLEM: Wed Jun 27 18:25:29 GMT 2001

It looks like the image orientation is OK, not reversed like I thought it might be. I offset the Mk4 telescope East so the occulting spill would be on the West side, then I looked for a brighter West side in the scan - it was brighter and the East side of the scan was darker. I recentered occulting by reconnecting the cable (I didn't change any guiding telescope adjustment for this test), then the scan got darker in the West and brighter in the East.

This is a weird coincidence, I can see prominence structure on the West in scans that match the shape of an EPL on the East side. There is

a small prominence on the West side that coincides with the location of the bright structured streamer. The animation shows no structure in the streamer but the realtime scans look very good.

**** EVENT COMMENT ****: Wed Jun 27 18:44:13 GMT 2001

That AR on the West limb is very active, possibly flaring, EPL in progress. PA=290.

Wed Jun 27 19:03:06 GMT 2001 CHIP LSD
Wed Jun 27 19:05:21 GMT 2001 CHIP End LSD
Wed Jun 27 19:05:30 GMT 2001 CHIP BiasLSD
Wed Jun 27 19:06:14 GMT 2001 CHIP End BiasLSD
Wed Jun 27 19:06:26 GMT 2001 CHIP Bias
Wed Jun 27 19:07:14 GMT 2001 CHIP End Bias
Wed Jun 27 19:12:39 GMT 2001 MKIV End Patrol
Wed Jun 27 19:12:53 GMT 2001 MKIV Start Cal
Wed Jun 27 19:31:35 GMT 2001 MKIV End Cal
Wed Jun 27 19:31:45 GMT 2001 MKIV Start Patrol

COMMENT: Wed Jun 27 19:41:11 GMT 2001

Extended the dome slot.

Wed Jun 27 20:03:02 GMT 2001 CHIP LSD
Wed Jun 27 20:05:27 GMT 2001 CHIP End LSD
Wed Jun 27 20:05:45 GMT 2001 CHIP BiasLSD
Wed Jun 27 20:06:34 GMT 2001 CHIP End BiasLSD
Wed Jun 27 20:06:48 GMT 2001 CHIP Bias
Wed Jun 27 20:07:36 GMT 2001 CHIP End Bias

WEATHER COMMENT: Wed Jun 27 20:59:24 GMT 2001

Cirrus and orographic clouds starting to pass over.

Wed Jun 27 21:03:13 GMT 2001 CHIP LSD
Wed Jun 27 21:05:27 GMT 2001 CHIP End LSD
Wed Jun 27 21:05:41 GMT 2001 CHIP BiasLSD
Wed Jun 27 21:06:30 GMT 2001 CHIP End BiasLSD

MKIV COMMENT: Wed Jun 27 21:06:36 GMT 2001

Pausing due to clouds.

Wed Jun 27 21:06:38 GMT 2001 CHIP Bias
Wed Jun 27 21:07:21 GMT 2001 CHIP End Bias

COMMENT: Wed Jun 27 21:32:40 GMT 2001

Spar isn't tracking, pausing all instruments.

Wed Jun 27 21:33:21 GMT 2001 CHIP End Patrol
Wed Jun 27 21:33:29 GMT 2001 PICS End Patrol
Wed Jun 27 21:58:09 GMT 2001

MkIV

16_55.rawmk4	17_45.rawmk4	18_42.rawmk4	19_46.rawmk4	20_37.rawmk4
16_58.rawmk4	17_51.rawmk4	18_45.rawmk4	19_50.rawmk4	20_40.rawmk4
17_01.rawmk4	17_54.rawmk4	18_48.rawmk4	19_53.rawmk4	20_43.rawmk4
17_04.rawmk4	17_57.rawmk4	18_51.rawmk4	19_56.rawmk4	20_46.rawmk4
17_06.rawmk4	18_00.rawmk4	18_54.rawmk4	19_59.rawmk4	20_49.rawmk4
17_09.rawmk4	18_03.rawmk4	18_57.rawmk4	20_02.rawmk4	20_52.rawmk4
17_12.rawmk4	18_06.rawmk4	19_00.rawmk4	20_05.rawmk4	20_55.rawmk4

17_15.rawmk4	18_09.rawmk4	19_03.rawmk4	20_08.rawmk4	20_58.rawmk4
17_18.rawmk4	18_12.rawmk4	19_06.rawmk4	20_11.rawmk4	21_01.rawmk4
17_21.rawmk4	18_15.rawmk4	19_09.rawmk4	20_14.rawmk4	21_04.rawmk4
17_24.rawmk4	18_18.rawmk4	19_15.rawmk4	20_16.rawmk4	c19_12.rawmk4
17_27.rawmk4	18_24.rawmk4	19_22.rawmk4	20_19.rawmk4	c19_19.rawmk4
17_30.rawmk4	18_28.rawmk4	19_28.rawmk4	20_22.rawmk4	c19_25.rawmk4
17_33.rawmk4	18_31.rawmk4	19_31.rawmk4	20_25.rawmk4	
17_36.rawmk4	18_34.rawmk4	19_34.rawmk4	20_28.rawmk4	
17_39.rawmk4	18_37.rawmk4	19_37.rawmk4	20_31.rawmk4	
17_42.rawmk4	18_39.rawmk4	19_40.rawmk4	20_34.rawmk4	